

76006

Cruise Report  
U.S.C.G. Cutter HORNBEAM  
March 8-13, 1976  
U.S. Geological Survey

Brad Butman, USGS.

Vessel: U.S.C.G. Cutter HORNBEAM

Cruise Number: N/A

Area of Operation: Georges Bank  
(Woods Hole to Woods Hole)

Date: March 8-13, 1976

Personnel:

LCDR Overath	(Commanding Officer)
Brad Butman	(U.S.G.S, Chief Scientist)
John Vermersch	(W.H.O.I.)
Andy Eliason	(Eliason Data Services)

Purpose:

The objective of the cruise was to recover one current meter mooring and deploy five current meter moorings on Georges Bank. Severe weather was encountered. Two moorings were deployed (4 instruments), and one mooring recovered.

The HORNBEAM was kindly made available to U.S.G.S. for the mooring work. Several Coast Guard buoys were serviced during the cruise. In addition, two days were spent in search for a drifting buoy.

Narrative:

March 8 Depart Woods Hole 0700  
Work Coast Guard Buoy  
Underway to search area for Coast Guard Buoy  
XBT Section

March 9 Search for Coast Guard Buoy

March 10 Rough weather, seas 15-25', wind 40-50 mph

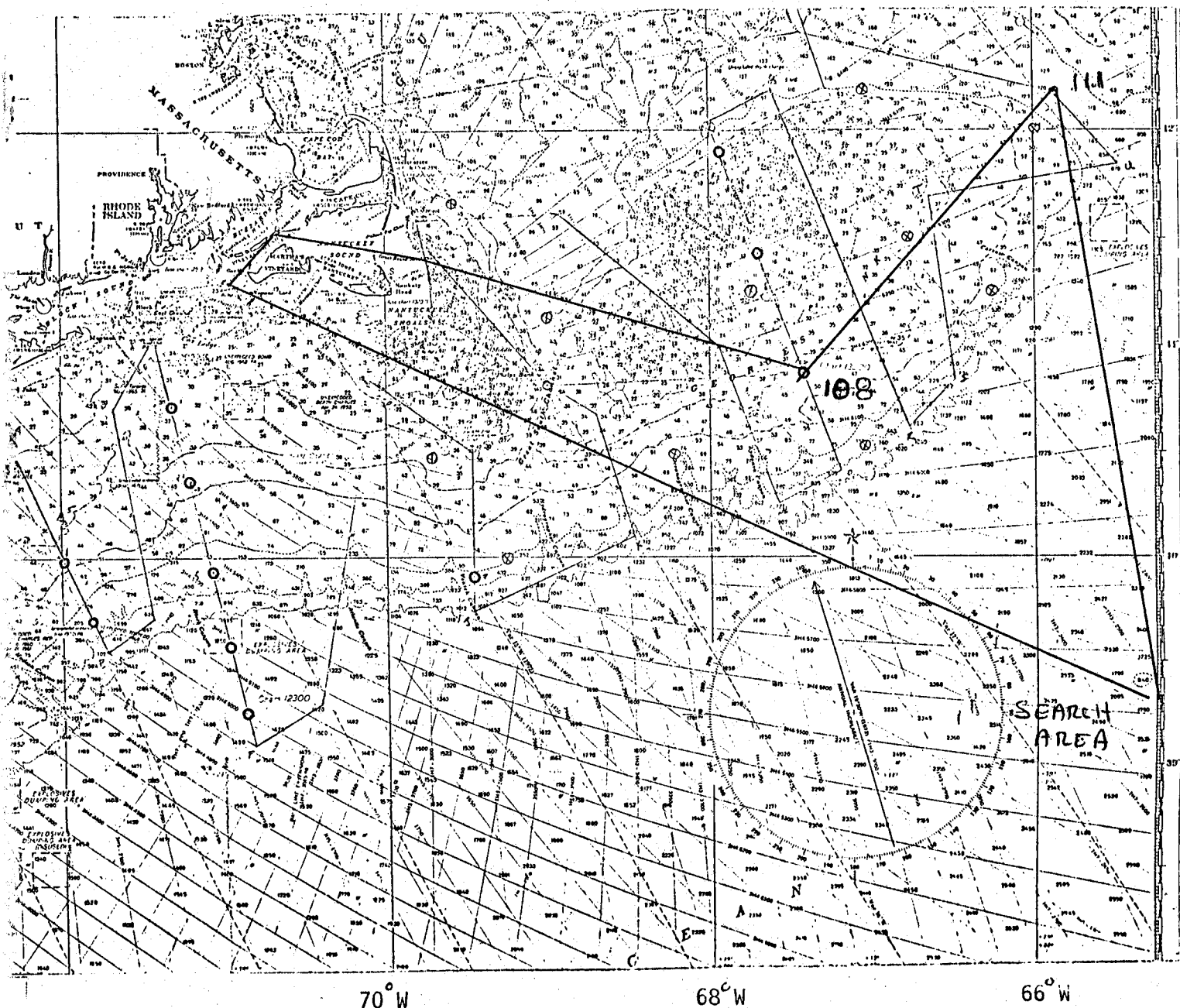
March 11 Underway to mooring 111 in Great South Canal  
 XBT Section  
 Deploy instrumentation 2130  
 Underway to mooring 108, south side of Georges Bank

March 12 Rough seas  
 Arrive mooring 108 1930  
 Recover old mooring, refurbish lights  
 Deploy new instruments

March 13 Underway to Woods Hole 0100. No additional time available  
 to deploy other mooring.  
 Cracked piston in one main engine.  
 Arrive Woods Hole 2000.

Tabulated Information:

a. Number of days at sea	6
b. Number of working days (USGS)	1
c. Total ship track (excluding CG search pattern)	750 nm
d. km continuous data	N/A
e. Number of stations	
current meter	2
XBT	15
f. Number of samples	15 XBT
g. Instrumentation deployed (4 current meters, 1 pressure temp. gauge)	2 moorings
H. Instrumentation recovered (3 current meters)	1 mooring



Approximate cruise track: HORNBEAM

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